



(PCT Article 36 and Rule 70)

oplicant's or agent's file reference 19-204-WO	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
ternational application No.	International filing date (day/month/year) 31.07.2003 Priority date (day/month/year) 01.08.2002
	or both national classification and IPC
nemational Patent Classification (ii o)	, 5. 550, 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
opplicant NEUROSEARCH A/S	
NEUROGEARIOTT VO	
This international preliminary Authority and is transmitted	y examination report has been prepared by this International Preliminary Examining to the applicant according to Article 36.
	total of 5 sheets, including this cover sheet.
	companied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have re the basis for this report and/or sheets containing rectifications made before this Authority Section 607 of the Administrative Instructions under the PCT).
These annexes consist of a	
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⊠ Basis of the opi □ Priority ⊠ Non-establishm	nent of opinion with regard to novelty, inventive step and industrial applicability
⊠ Basis of the opi	inion nent of opinion with regard to novelty, inventive step and industrial applicability f invention oment under Bule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability;
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International application No.

PCT/DK 03/00518

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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

1	Desc	ription, Pages				
	1-23		as originally filed			
	Clair	ns, Numbers				
		ns, Numbers	tula a No. 20 a d			
	1-11		as originally filed			
	Drav	vings, Sheets				
	1/2-2	12	as originally filed			
2.	With regard to the language , all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.					
	Thes	se elements were ava	ilable or furnished to this Authority in the following language: , which is:			
		• •	nslation furnished for the purposes of the international search (under Rule 23.1(b)).			
		the language of public	cation of the international application (under Rule 48.3(b)).			
		the language of a trai Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under 8).			
3.	With	regard to any nucle mational preliminary e	otide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:			
	☐ contained in the international application in written form.					
		filed together with the	e international application in computer readable form.			
	☐ furnished subsequently to this Authority in written form.					
furnished subsequently to this Authority in computer readable form.						
The statement that the subsequently furnished written seq in the international application as filed has been furnished.			ne subsequently furnished written sequence listing does not go beyond the disclosure pplication as filed has been furnished.			
	The statement that the information recorded in computer readable form is identical to the written seque listing has been furnished.					
4. The amendments have resulted in the cancellation of:						
		the description,	pages:			
		the claims,	Nos.:			
		the drawings,	sheets:			

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5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).	
		(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to the report.)	nis
6.	Add	ditional observations, if necessary:	
111.	Noı	n-establishment of opinion with regard to novelty, inventive step and industrial applicability	
	T'l	e questions whether the claimed invention appears to be novel, to involve an inventive step (to be non- vious), or to be industrially applicable have not been examined in respect of:	
		the entire international application,	
	Ø	claims Nos. 10,11	
		because:	
	the said international application, or the said claims Nos. 10,11 relate to the following subject matter whice does not require an international preliminary examination (specify):	:h	
		see separate sheet	
		the description, claims or drawings (indicate particular elements below) or said claims Nos, are so uncleat that no meaningful opinion could be formed (specify):	ır
		the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opin could be formed.	ion
		•	
2	or	meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide a amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative structions:	and
		the written form has not been furnished or does not comply with the Standard.	•
		the computer readable form has not been furnished or does not comply with the Standard.	
V	/. R	easoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicabil itations and explanations supporting such statement	ity
1	l. S	tatement	
	N	lovelty (N) Yes: Claims 1-6,8-10 No: Claims 7,11	
	Ir	nventive step (IS) Yes: Claims 1-6,8-10	

1-9

Yes: Claims

No:

Claims

2. Citations and explanations

Industrial applicability (IA)

International application No.

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see separate sheet

- . D1: VANGELIS G. MANOLOPOULOS ET AL: "Inhibition of angiogenesis by blockers of volume-regulated anion channels" GENERAL PHARMACOLOGY, vol. 34, 2000, pages 107-116, XP002262438
 - D2: ANTONIO R.T. ET AL: "Antiangiogenic and antiproliferative activity of suramin analogues" CANCER CHEMOTHER PHARMACOL, vol. 41, 1998, pages 117-124, XP002262441

SECTION III:

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Claims 10 and 11 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the **industrial applicability** of the subject-matter of these claims (Article 34(4)(a)(I) PCT).

SECTION V:

 Documents D1 and D2 describe the use of VRAC blockers for inhibiting angiogenesis (see the whole documents).

Therefore the subject-matter of claims 7 and 11 is not novel (Article 33 (2) PCT).

- 2) The subject-matter of claims 1 to 6 and 8 to 10 differs from the cited prior art in the specific chemical structure of the compounds of formula (I) which was not obvious for the person skilled in the art.
 - Therefore the subject-matter of claims 1 to 6 and 8 to 10 involves an inventive step.
- 3) For the assessment of the present claims 10 and 11 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.